

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF041019\
 Data File : BF113706.D
 Acq On : 10 Apr 2019 19:54
 Operator : JU/SJ
 Sample : K2200-01 2X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EO-01-040919-A

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Sampling : 1

Start Thrs: 0.2

Stop Thrs : 0

Filtering: 5

Min Area: 3 % of largest Peak

Max Peaks: 100

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040319.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.293	542	545	565	rBV	868171	1214079	60.70%	3.111%
2	6.328	718	721	732	rBV	951627	1336533	66.82%	3.425%
3	6.416	732	736	739	rVV	69953	111582	5.58%	0.286%
4	6.451	739	742	748	rVV	1449970	1377228	68.85%	3.529%
5	6.516	748	753	758	rVB2	223414	264956	13.25%	0.679%
6	6.675	777	780	783	rVV	815544	771275	38.56%	1.976%
7	6.734	787	790	795	rVV	100100	105964	5.30%	0.272%
8	6.834	803	807	814	rVB	1123326	1171395	58.56%	3.002%
9	6.957	824	828	832	rVV2	104309	146699	7.33%	0.376%
10	6.998	832	835	837	rVV2	88006	100616	5.03%	0.258%
11	7.022	837	839	844	rVB2	85989	96106	4.80%	0.246%
12	7.069	844	847	850	rBV2	198125	186832	9.34%	0.479%
13	7.216	867	872	874	rVV3	138869	172728	8.64%	0.443%
14	7.245	874	877	881	rVV	672221	810066	40.50%	2.076%
15	7.281	881	883	886	rVV	364502	331306	16.56%	0.849%
16	7.328	886	891	895	rVV4	107448	187289	9.36%	0.480%
17	7.398	900	903	906	rVV3	82405	94664	4.73%	0.243%
18	7.481	913	917	921	rVB3	196311	224516	11.22%	0.575%
19	7.592	929	936	938	rBV4	114457	219280	10.96%	0.562%
20	7.645	942	945	948	rVV3	80826	108415	5.42%	0.278%
21	7.687	949	952	953	rVV2	113999	114687	5.73%	0.294%
22	7.698	953	954	956	rVV2	130785	116189	5.81%	0.298%
23	7.722	956	958	963	rVV3	118464	169759	8.49%	0.435%
24	7.798	967	971	974	rVB3	111712	145278	7.26%	0.372%
25	7.957	993	998	1001	rVV2	1171756	1320577	66.02%	3.384%
26	8.010	1005	1007	1009	rVV2	135358	139679	6.98%	0.358%
27	8.028	1009	1010	1013	rVV	144097	112093	5.60%	0.287%
28	8.163	1030	1033	1036	rVB3	78541	91124	4.56%	0.233%
29	8.251	1044	1048	1052	rBV6	108926	174193	8.71%	0.446%
30	8.345	1061	1064	1067	rVB2	125875	112905	5.64%	0.289%
31	8.387	1067	1071	1073	rBV2	148147	148920	7.45%	0.382%
32	8.463	1081	1084	1087	rBV2	146833	133014	6.65%	0.341%
33	8.557	1096	1100	1103	rBV	377826	329804	16.49%	0.845%
34	8.616	1108	1110	1113	rVV	96365	110561	5.53%	0.283%

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 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	8.775	1134	1137	1143	rVB3	110386	144999	7.25%	0.372%
36	8.986	1170	1173	1177	rVB3	107412	109764	5.49%	0.281%
37	9.034	1177	1181	1186	rBV	1602541	1360764	68.03%	3.487%
38	9.122	1192	1196	1200	rBV2	246797	277227	13.86%	0.710%
39	9.369	1236	1238	1241	rVV	115387	134250	6.71%	0.344%
40	9.434	1246	1249	1252	rVV2	170156	216271	10.81%	0.554%
41	9.569	1269	1272	1278	rBV	117808	118723	5.94%	0.304%
42	9.645	1283	1285	1288	rBV	157830	122881	6.14%	0.315%
43	9.710	1289	1296	1299	rVV	886065	967240	48.36%	2.478%
44	9.739	1299	1301	1311	rVB	192341	219293	10.96%	0.562%
45	9.916	1328	1331	1336	rVV	144480	145186	7.26%	0.372%
46	10.257	1385	1389	1395	rBV	233269	243759	12.19%	0.625%
47	10.498	1424	1430	1441	rBV	687408	787513	39.37%	2.018%
48	10.616	1447	1450	1458	rVB4	81765	127017	6.35%	0.325%
49	11.086	1528	1530	1535	rVB	107989	116171	5.81%	0.298%
50	11.186	1544	1547	1549	rBV	793511	765619	38.28%	1.962%
51	11.210	1549	1551	1557	rVV	1144600	1116888	55.84%	2.862%
52	11.269	1557	1561	1565	rVV	328770	348854	17.44%	0.894%
53	11.433	1585	1589	1593	rBV	96158	139217	6.96%	0.357%
54	11.586	1612	1615	1618	rBV	201799	179928	9.00%	0.461%
55	11.692	1629	1633	1635	rBV	200106	184611	9.23%	0.473%
56	11.722	1635	1638	1643	rVV	398380	410706	20.53%	1.052%
57	11.769	1643	1646	1649	rVV	100901	111183	5.56%	0.285%
58	11.804	1649	1652	1654	rVV	372122	400540	20.02%	1.026%
59	11.827	1654	1656	1661	rVB	146292	134979	6.75%	0.346%
60	11.986	1679	1683	1687	rVV	121197	137463	6.87%	0.352%
61	12.239	1722	1726	1728	rBV	195459	195912	9.79%	0.502%
62	12.269	1728	1731	1733	rVV	771860	811832	40.59%	2.080%
63	12.286	1733	1734	1739	rVV3	522392	416172	20.81%	1.066%
64	12.333	1739	1742	1745	rVB2	92355	100641	5.03%	0.258%
65	12.404	1750	1754	1757	rBV	1737391	1636939	81.84%	4.194%
66	12.504	1768	1771	1776	rBV2	110151	136234	6.81%	0.349%
67	12.551	1776	1779	1782	rVV2	106523	110165	5.51%	0.282%
68	12.627	1786	1792	1795	rBV	1702394	1858453	92.91%	4.762%
69	12.686	1799	1802	1805	rVB2	95778	109673	5.48%	0.281%
70	12.769	1810	1816	1819	rBV	1316486	1288850	64.43%	3.302%
71	12.845	1825	1829	1834	rBV2	152187	269264	13.46%	0.690%

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72	12.933	1841	1844	1845	rBV2	134288	133776	6.69%	0.343%
73	12.957	1845	1848	1852	rVB2	337224	345920	17.29%	0.886%
74	13.004	1853	1856	1857	rBV2	97194	90995	4.55%	0.233%
75	13.022	1857	1859	1862	rVV	281016	229199	11.46%	0.587%
76	13.063	1862	1866	1870	rVV2	219534	257397	12.87%	0.660%
77	13.151	1878	1881	1884	rVB	146451	120029	6.00%	0.308%
78	13.186	1884	1887	1890	rBV	136136	158706	7.93%	0.407%
79	13.345	1910	1914	1916	rBV2	110974	148272	7.41%	0.380%
80	13.474	1933	1936	1939	rVB	118228	116682	5.83%	0.299%
81	13.574	1951	1953	1955	rBV	114647	114714	5.73%	0.294%
82	13.598	1955	1957	1960	rVB	131632	100834	5.04%	0.258%
83	13.627	1960	1962	1964	rBV	115415	109595	5.48%	0.281%
84	13.674	1968	1970	1973	rVB2	106784	123666	6.18%	0.317%
85	13.821	1990	1995	1998	rBV2	1352782	2000249	100.00%	5.125%
86	13.851	1998	2000	2003	rVB	893007	712565	35.62%	1.826%
87	13.927	2011	2013	2016	rVB	152175	131510	6.57%	0.337%
88	13.986	2020	2023	2027	rVV3	277855	288443	14.42%	0.739%
89	14.216	2060	2062	2065	rVB	191049	150691	7.53%	0.386%
90	14.292	2072	2075	2077	rBV	266003	254956	12.75%	0.653%
91	14.586	2122	2125	2129	rBV2	335259	326770	16.34%	0.837%
92	14.839	2165	2168	2175	rBV	676010	1151235	57.55%	2.950%
93	14.892	2175	2177	2182	rVB2	369285	391655	19.58%	1.004%
94	14.945	2183	2186	2191	rBV	147950	203934	10.20%	0.523%
95	15.121	2213	2216	2221	rVB	373602	407702	20.38%	1.045%
96	15.180	2222	2226	2231	rVB	567355	683082	34.15%	1.750%
97	15.239	2232	2236	2239	rBV	725123	897597	44.87%	2.300%
98	15.633	2300	2303	2309	rVB2	207162	288293	14.41%	0.739%
99	16.604	2464	2468	2477	rVB2	250001	501263	25.06%	1.284%
100	17.009	2534	2537	2549	rVB	165035	381737	19.08%	0.978%

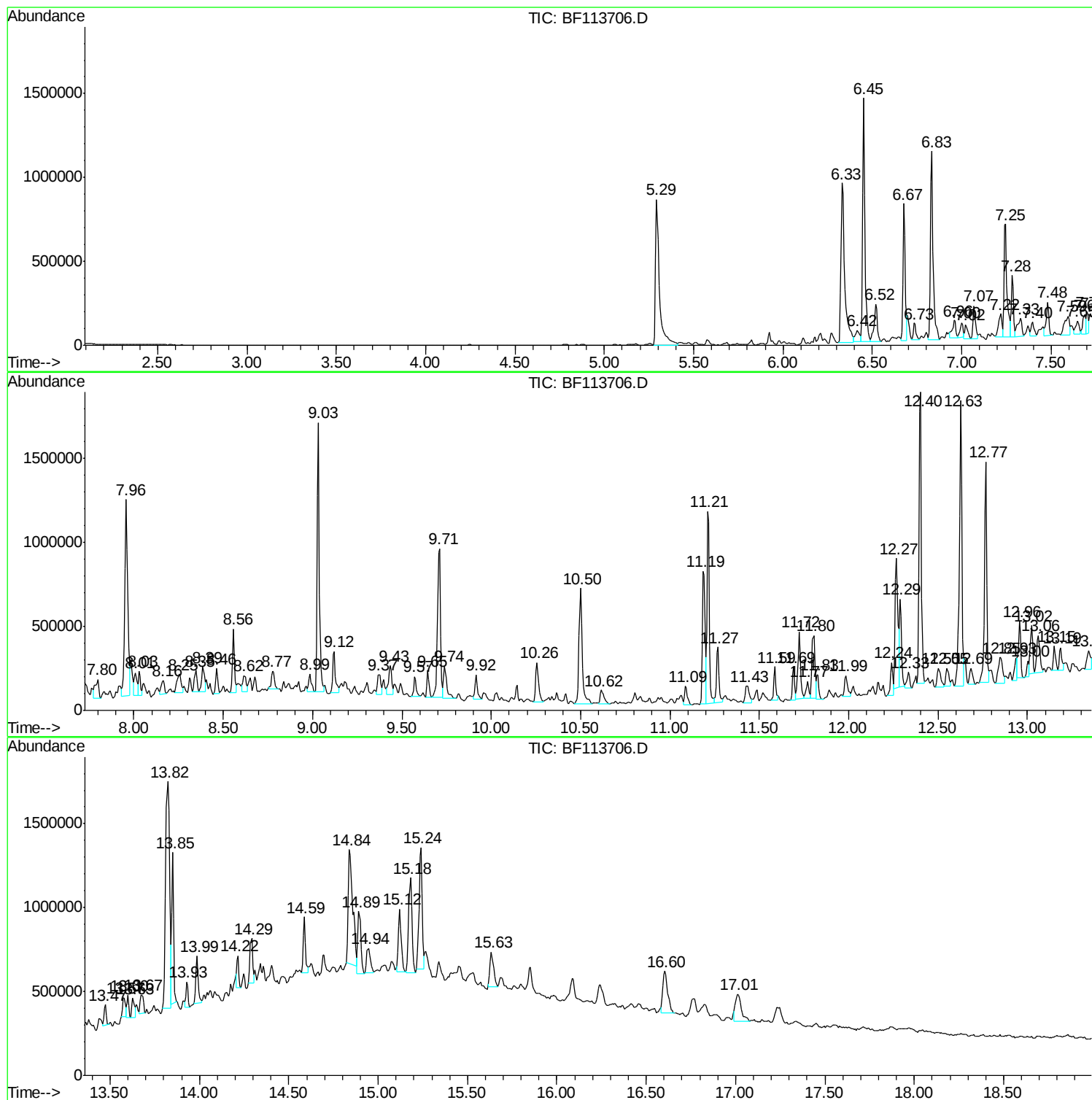
Sum of corrected areas: 39026960

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Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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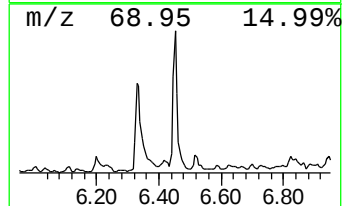
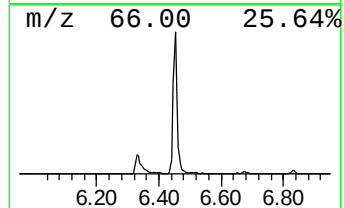
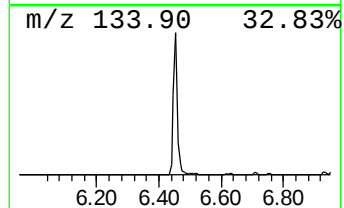
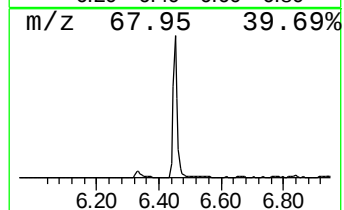
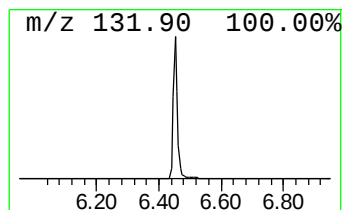
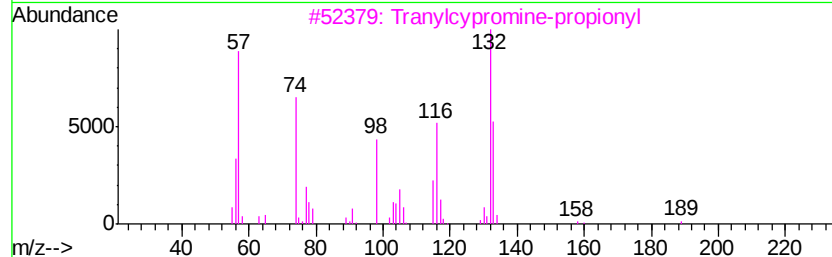
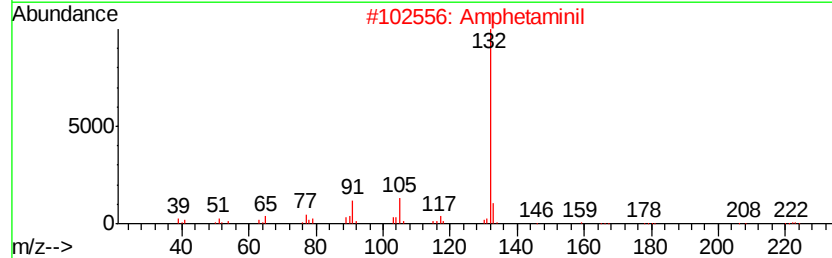
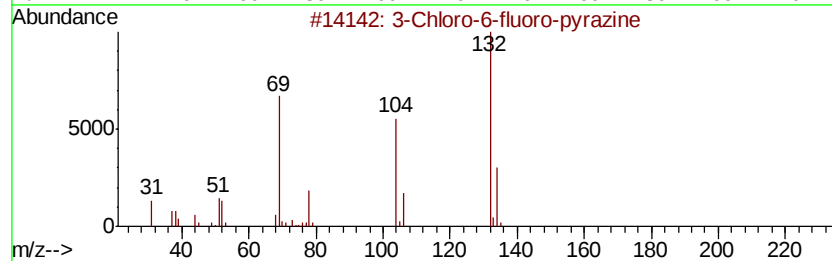
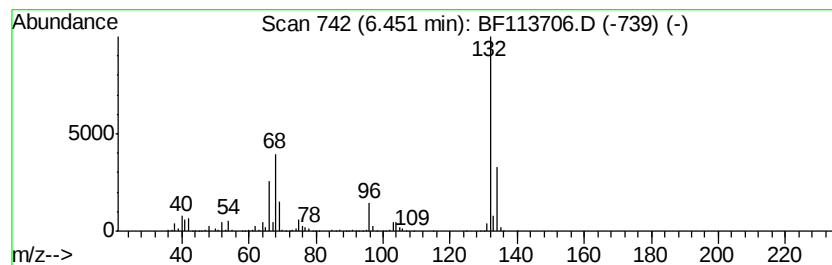
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 unknown6.45 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.45	35.71 ng	1377230	1,4-Dichlorobenzene-d4	6.67

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2			Amphetaminil	250	C17H18N2	017590-01-1	12
3			Tranvlcypropine-propionyl	189	C12H15NO	1000123-86-3	12
4			5-Aminoindole	132	C8H8N2	005192-03-0	12
5			4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9



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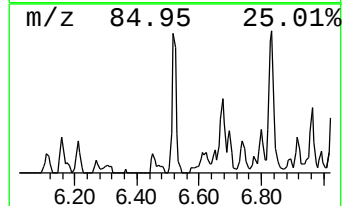
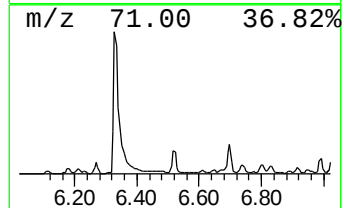
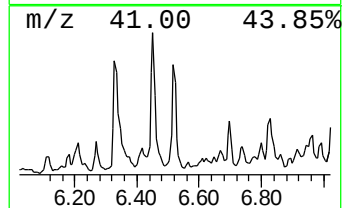
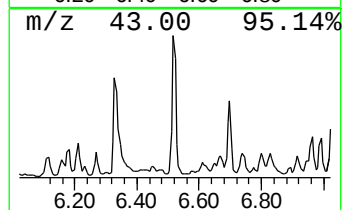
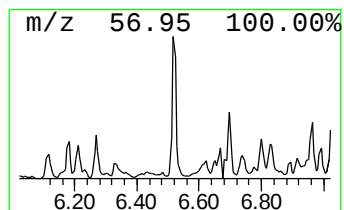
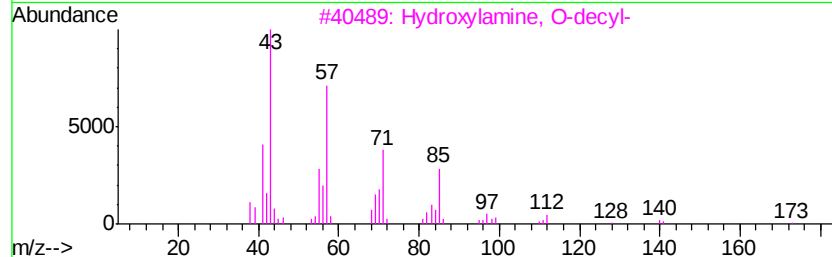
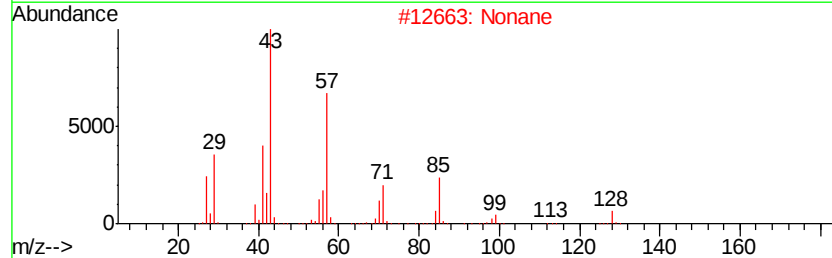
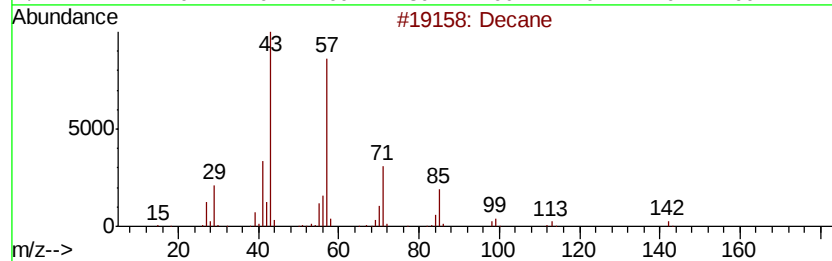
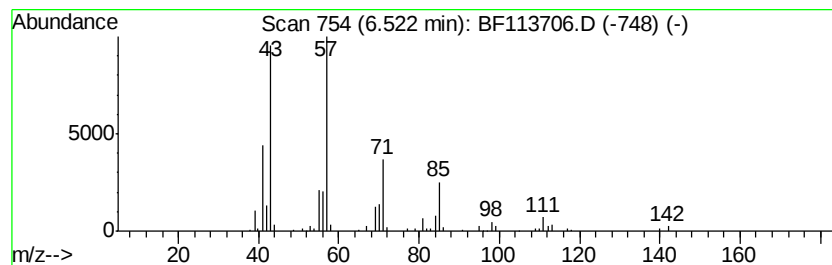
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Decane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.52	6.87 ng	264956	1,4-Dichlorobenzene-d4	6.67

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane	142	C10H22	000124-18-5	87
2			Nonane	128	C9H20	000111-84-2	80
3			Hvdroxylamine, O-decyl-	173	C10H23NO	029812-79-1	59
4			Decane, 2,4,6-trimethyl-	184	C13H28	062108-27-4	59
5			Undecane, 2,4-dimethyl-	184	C13H28	017312-80-0	59



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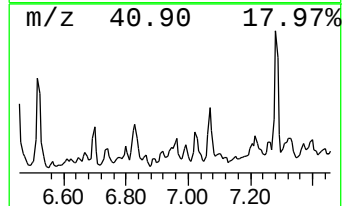
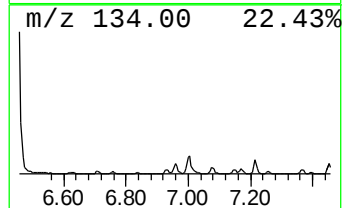
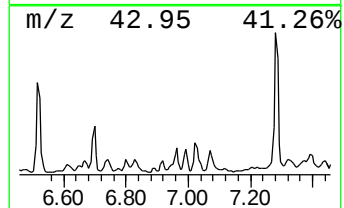
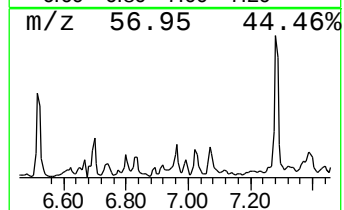
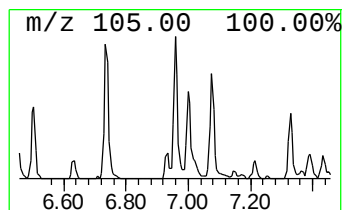
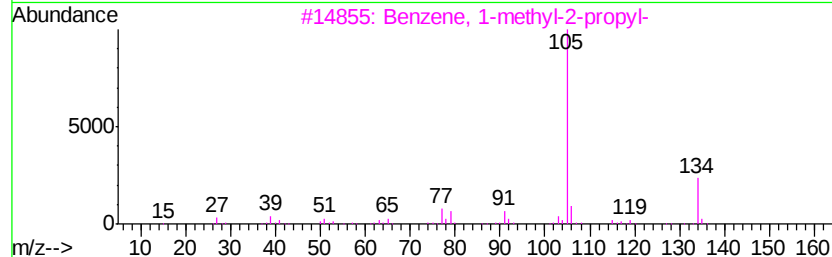
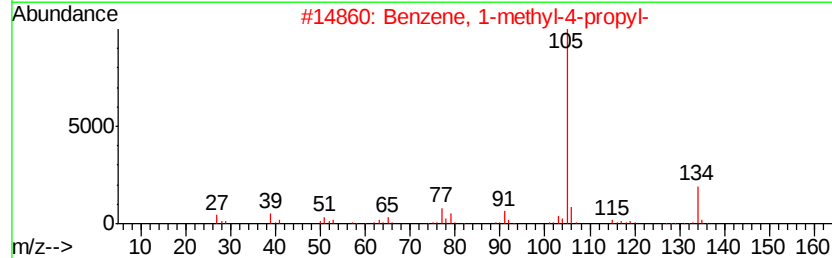
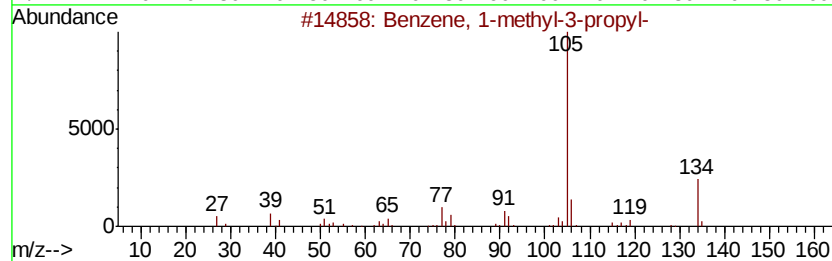
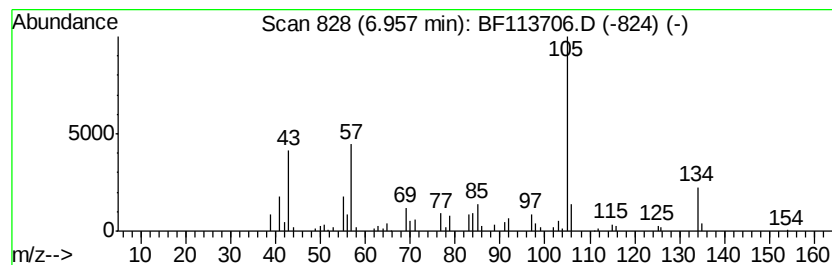
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TIC Integration Parameters: LSCINT.P

Peak Number 4 Benzene, 1-methyl-3-propyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.96	3.80 ng	146699	1,4-Dichlorobenzene-d4	6.67

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	58
2		Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	52
3		Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	52
4		Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	47
5		Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	37



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041019\
Data File : BF113706.D
Acq On : 10 Apr 2019 19:54
Operator : JU/SJ
Sample : K2200-01 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
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ClientSampleId :
EO-01-040919-A

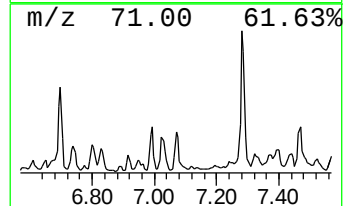
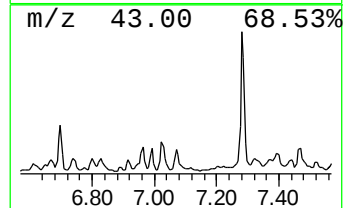
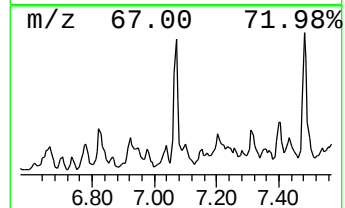
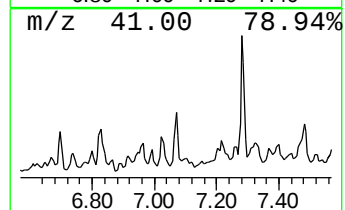
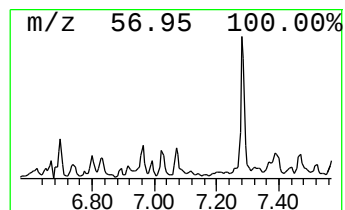
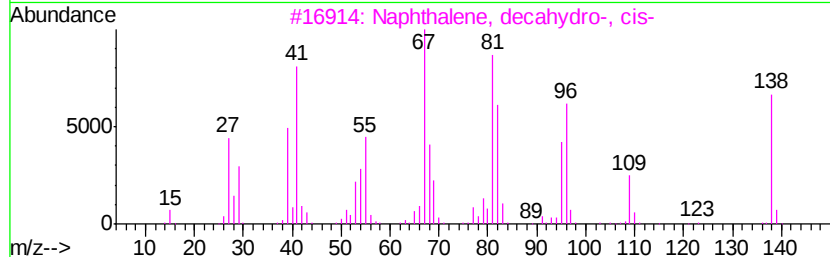
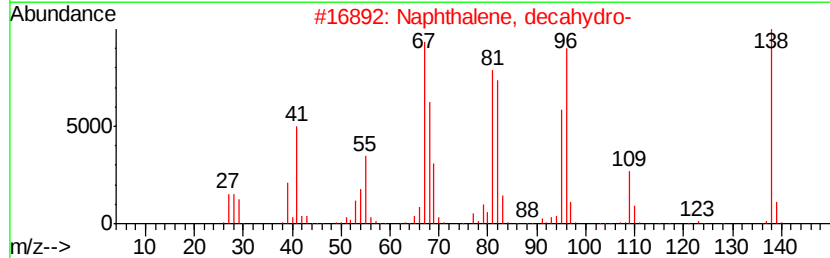
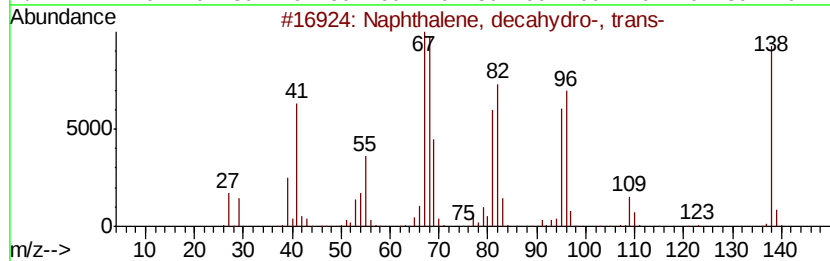
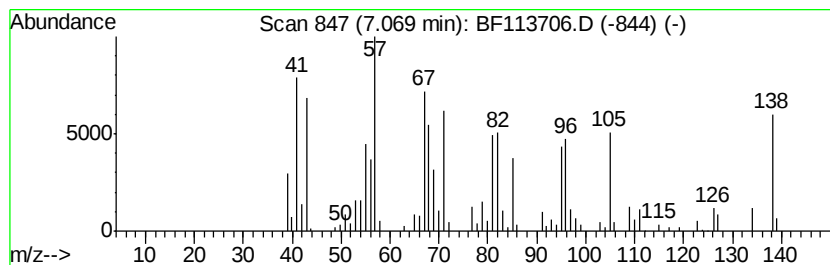
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Naphthalene, decahydro-, tr... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.07	4.84 ng	186832	1,4-Dichlorobenzene-d4	6.67

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, decahydro-, trans-	138	C10H18	000493-02-7	98
2		Naphthalene, decahydro-	138	C10H18	000091-17-8	95
3		Naphthalene, decahydro-, cis-	138	C10H18	000493-01-6	58
4		Cyclopentanone, 2-(2-methylpropyl)-	138	C9H14O	016856-72-7	50
5		Spiro[4.5]decane	138	C10H18	000176-63-6	49



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041019\
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Operator : JU/SJ
Sample : K2200-01 2X
Misc :
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Instrument :
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ClientSampleId :
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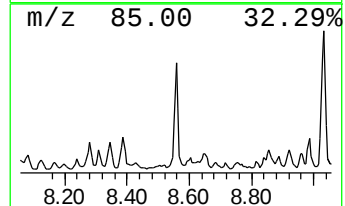
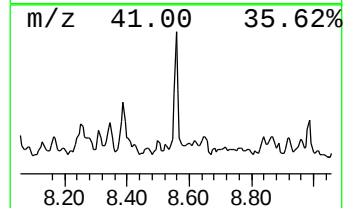
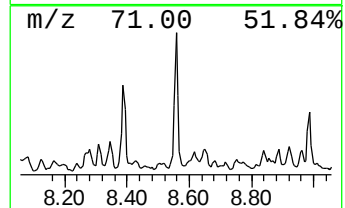
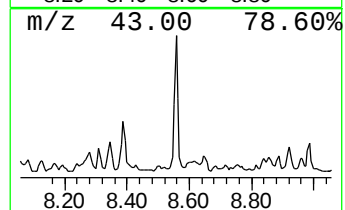
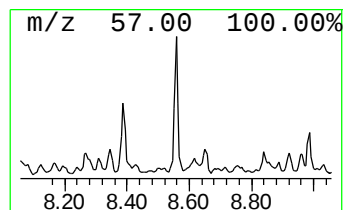
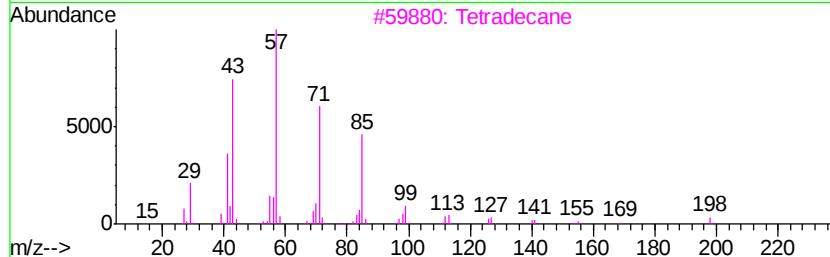
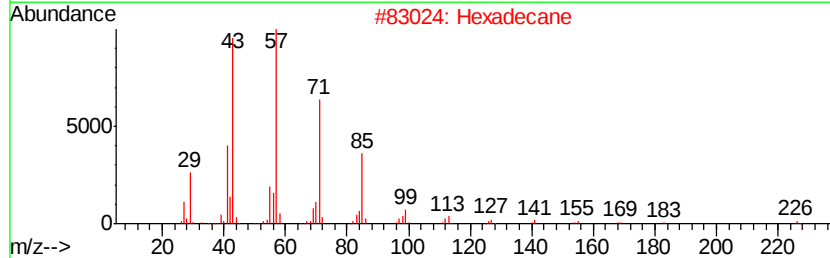
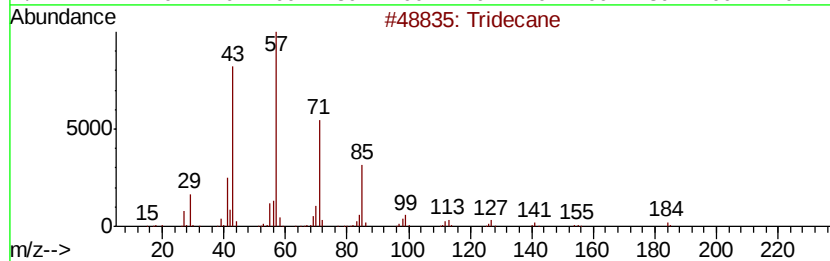
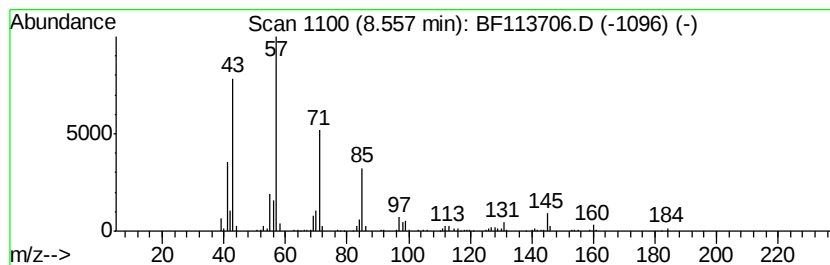
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Tridecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.56	4.99 ng	329804	Naphthalene-d8	7.96

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane		184	C13H28	000629-50-5	96
2	Hexadecane		226	C16H34	000544-76-3	74
3	Tetradecane		198	C14H30	000629-59-4	72
4	Pentadecane		212	C15H32	000629-62-9	72
5	Decane, 2,3,5-trimethyl-		184	C13H28	062238-11-3	59



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041019\
Data File : BF113706.D
Acq On : 10 Apr 2019 19:54
Operator : JU/SJ
Sample : K2200-01 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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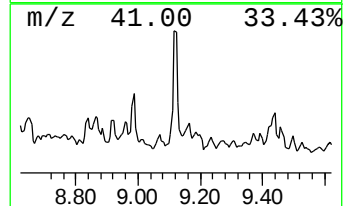
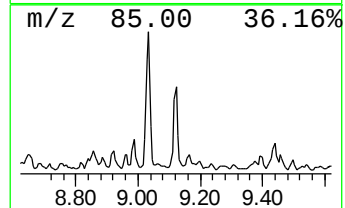
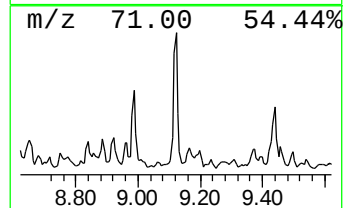
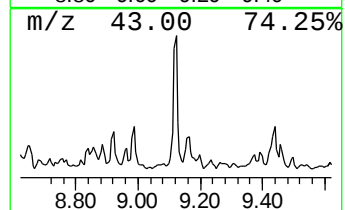
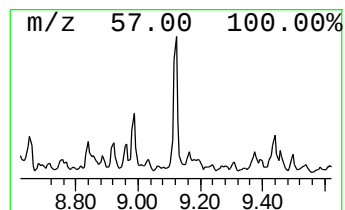
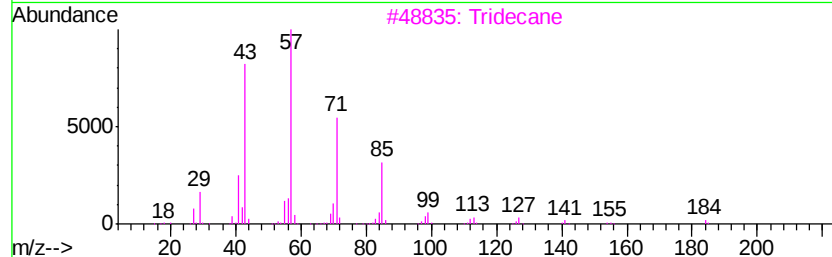
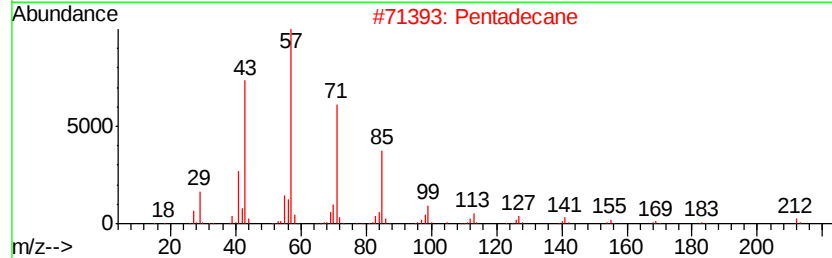
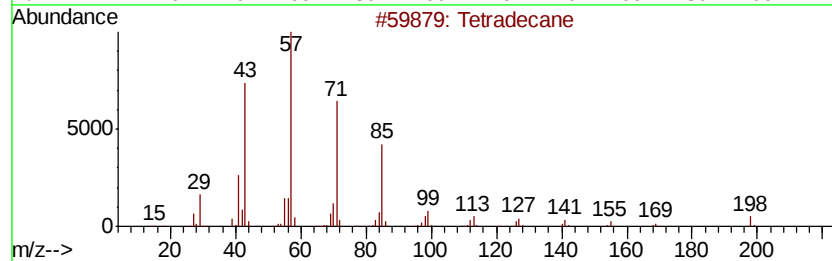
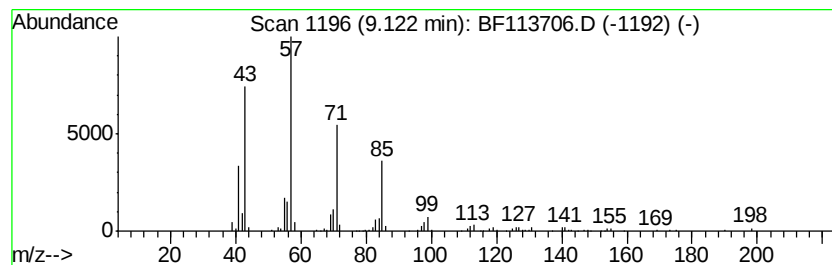
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Tetradecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.12	5.73 ng	277227	Acenaphthene-d10	9.70

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecane	198	C14H30	000629-59-4	97
2			Pentadecane	212	C15H32	000629-62-9	90
3			Tridecane	184	C13H28	000629-50-5	90
4			Hexadecane	226	C16H34	000544-76-3	90
5			Bacchotricuneatin c	342	C20H22O5	066563-30-2	68



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041019\
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Instrument :
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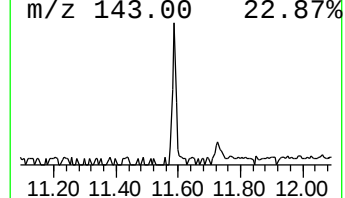
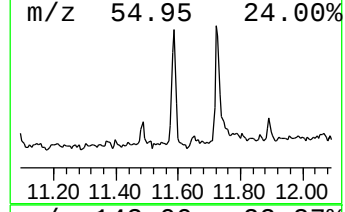
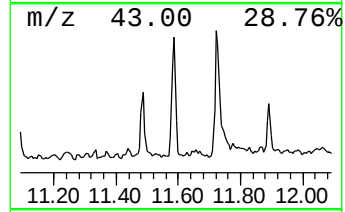
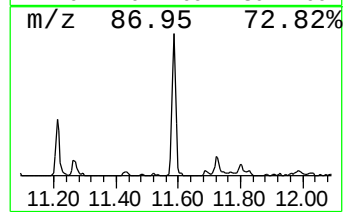
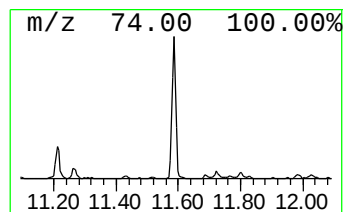
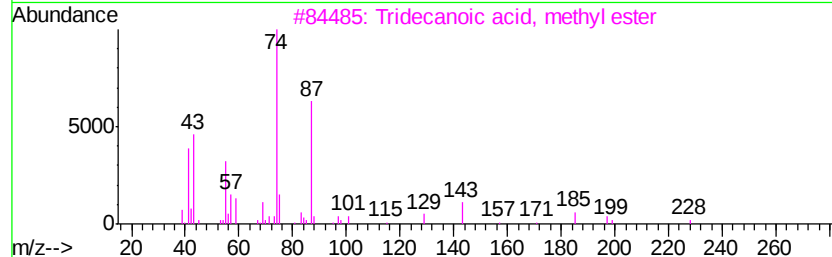
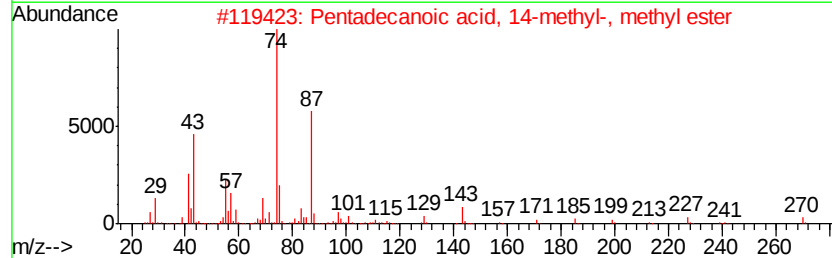
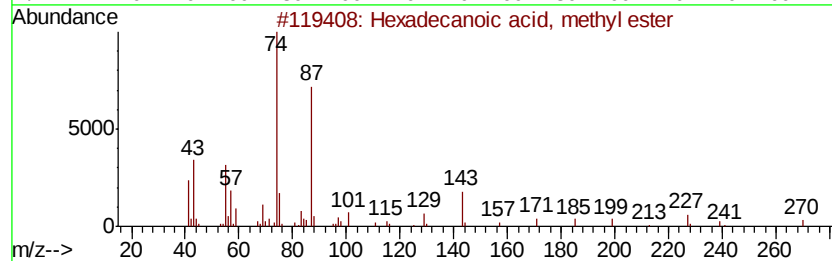
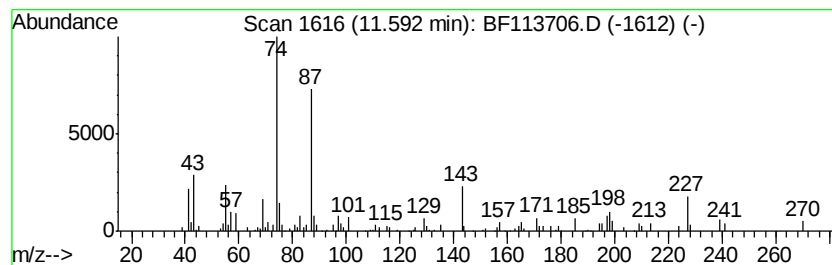
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Hexadecanoic acid, methyl e... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.59	4.70 ng	179928	Phenanthrene-d10	11.19

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	98
2		Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	96
3		Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	93
4		Decanoic acid, methyl ester	186	C11H22O2	000110-42-9	81
5		Hexadecanoic acid, 15-methyl-, m...	284	C18H36O2	006929-04-0	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041019\
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Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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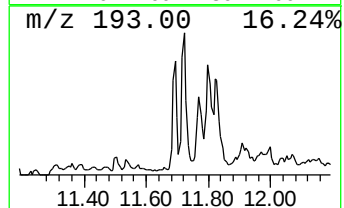
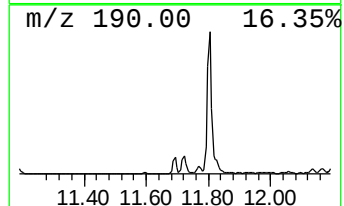
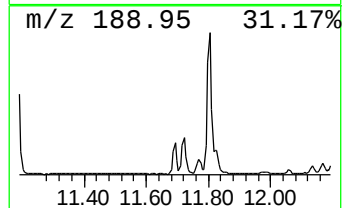
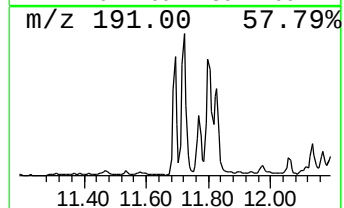
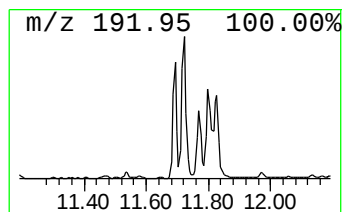
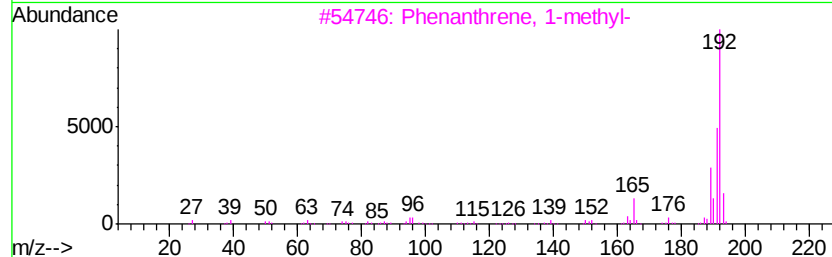
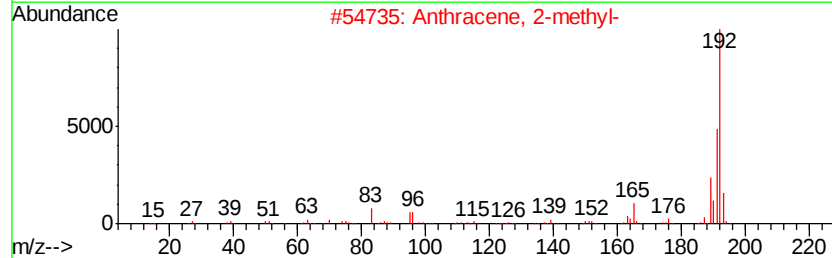
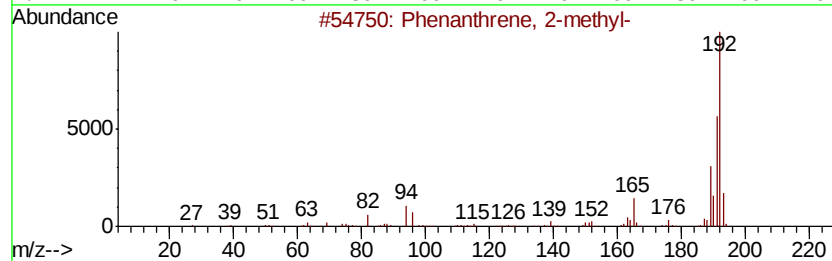
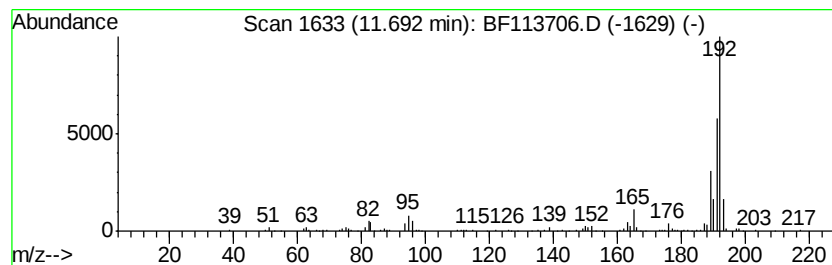
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Phenanthrene, 2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.69	4.82 ng	184611	Phenanthrene-d10	11.19

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2		Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
4		Anthracene, 1-methyl-	192	C15H12	000610-48-0	94
5		Anthracene, 9-methyl-	192	C15H12	000779-02-2	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041019\
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ClientSampleId :
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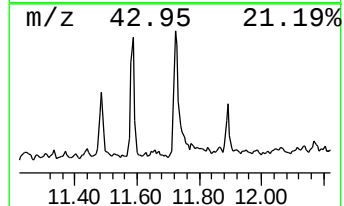
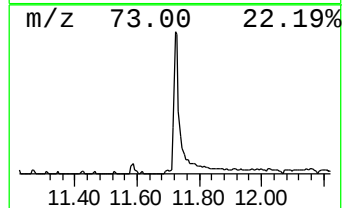
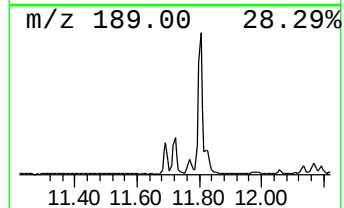
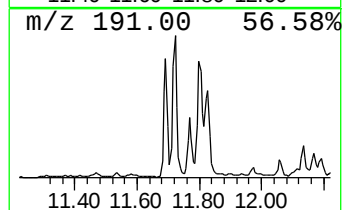
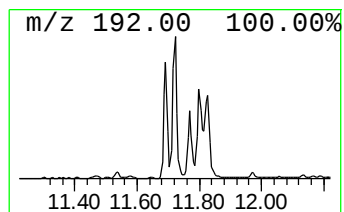
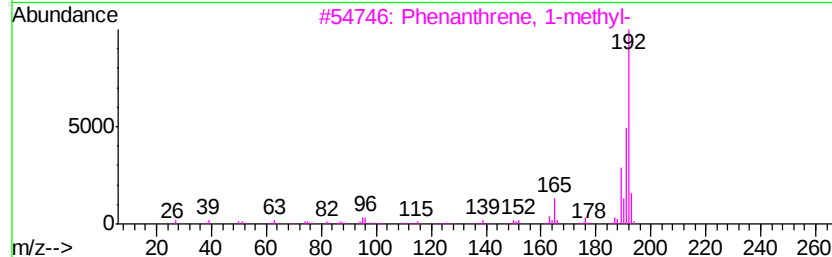
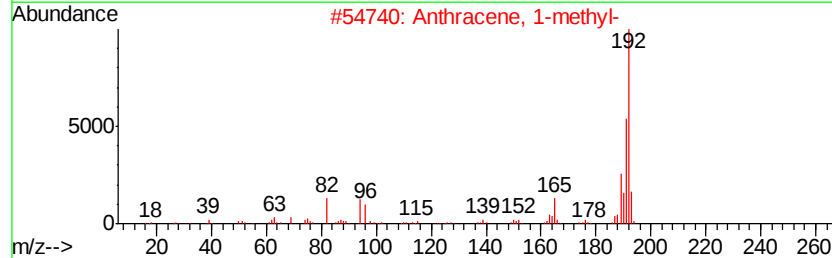
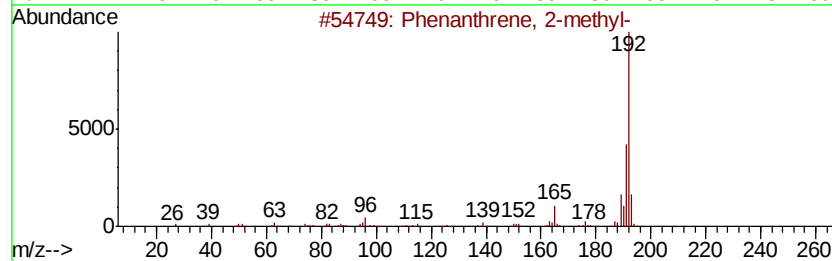
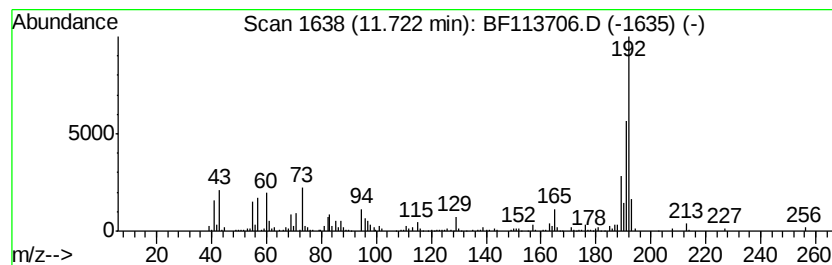
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Anthracene, 1-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.72	10.73 ng	410706	Phenanthrene-d10	11.19

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2		Anthracene, 1-methyl-	192	C15H12	000610-48-0	96
3		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
4		Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
5		Anthracene, 9-methyl-	192	C15H12	000779-02-2	96



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041019\
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Sample : K2200-01 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

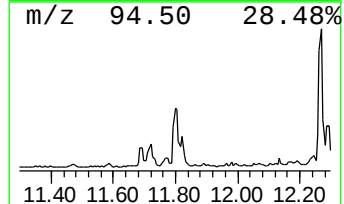
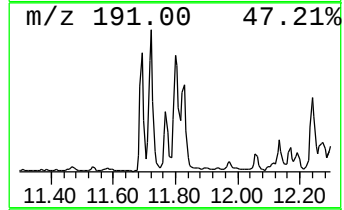
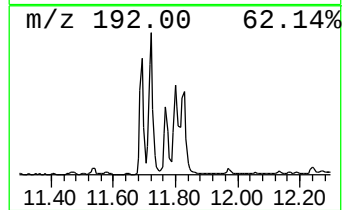
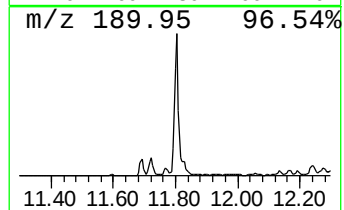
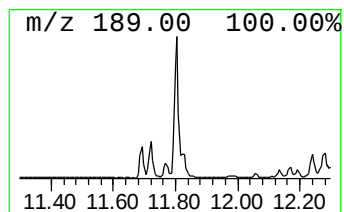
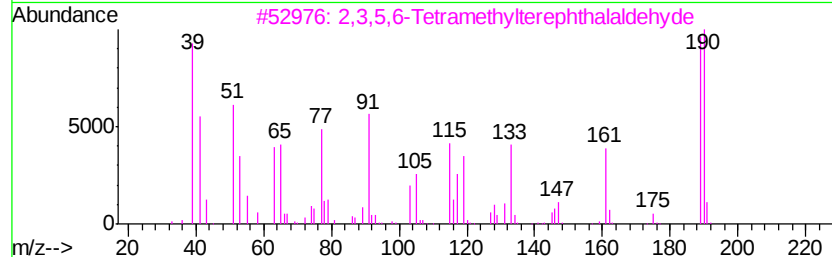
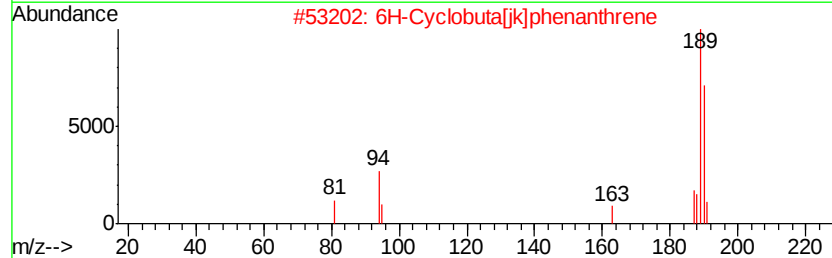
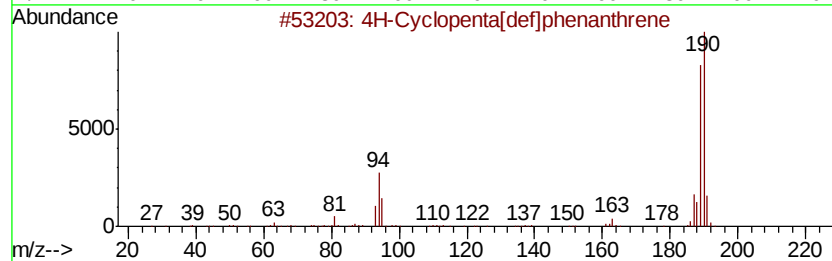
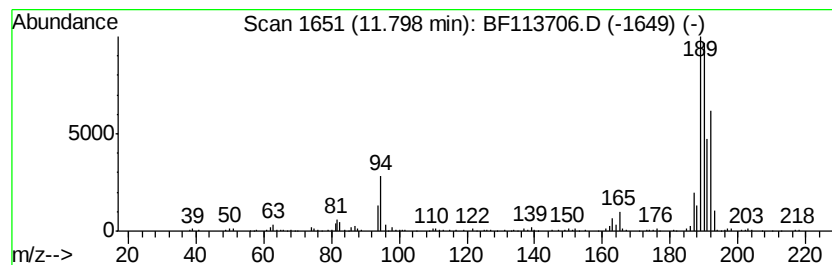
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ClientSampleId :
EO-01-040919-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 4H-Cyclopenta[def]phenanthrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.80	10.46 ng	400540	Phenanthrene-d10	11.19	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2	6H-Cyclobuta[ik]phenanthrene	190	C15H10	083469-43-6	50
3	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	47
4	Methyl diselenide	190	C2H6Se2	007101-31-7	46
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	45



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041019\
Data File : BF113706.D
Acq On : 10 Apr 2019 19:54
Operator : JU/SJ
Sample : K2200-01 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-01-040919-A

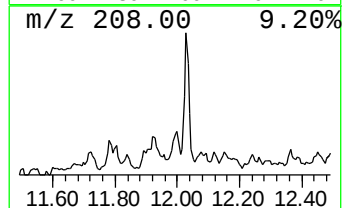
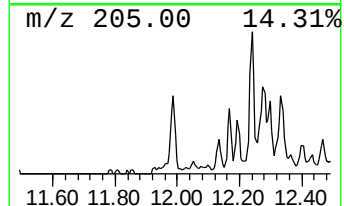
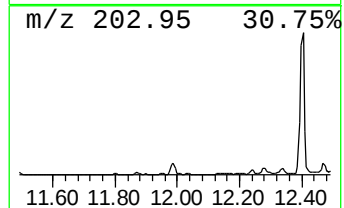
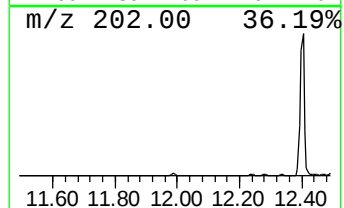
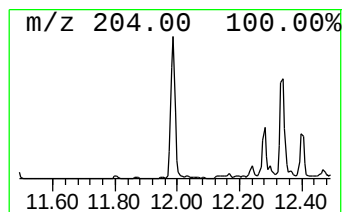
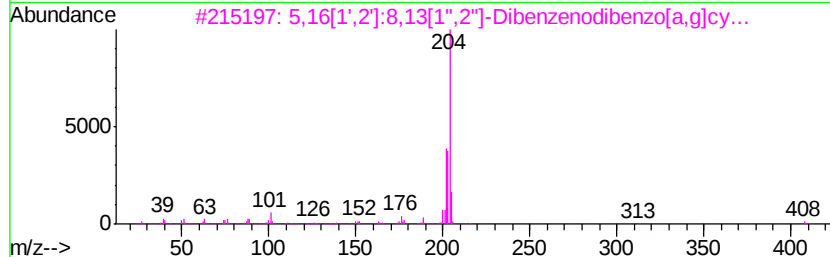
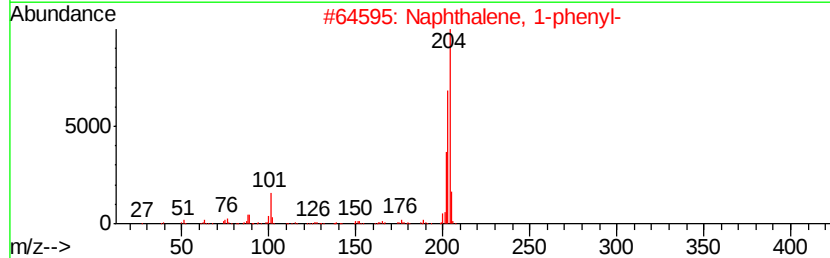
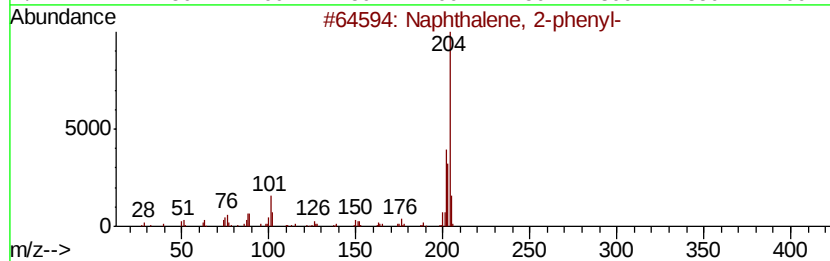
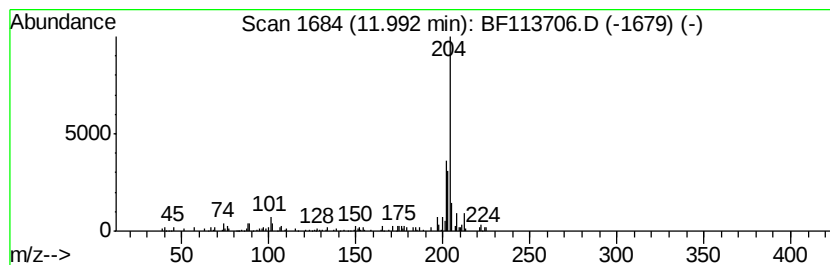
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 Naphthalene, 2-phenyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.99	3.59 ng	137463	Phenanthrene-d10	11.19

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	94
2			Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	78
3			5,16[1',2'1:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	72
4			Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	62
5			9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	53



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041019\
Data File : BF113706.D
Acq On : 10 Apr 2019 19:54
Operator : JU/SJ
Sample : K2200-01 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

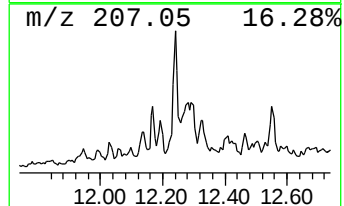
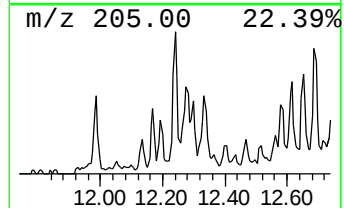
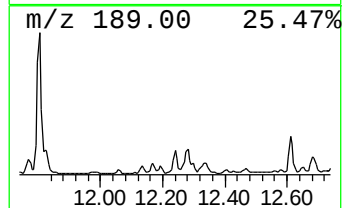
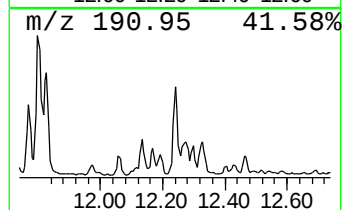
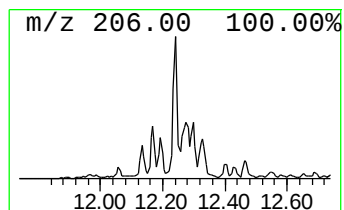
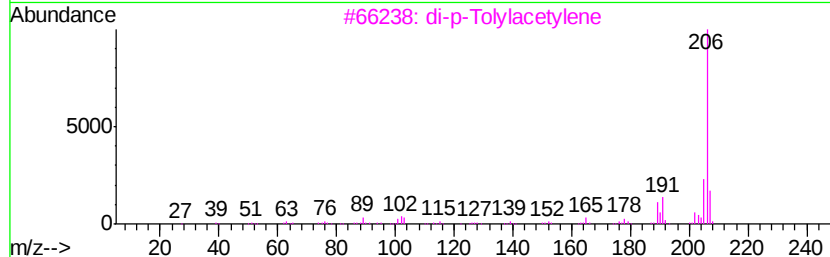
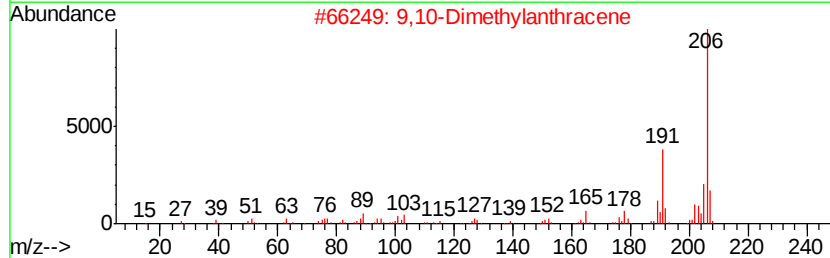
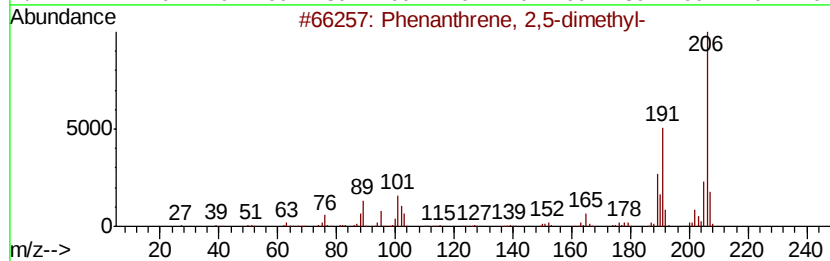
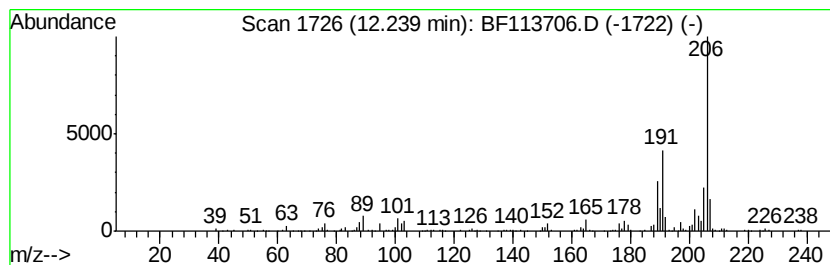
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 Phenanthrene, 2,5-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD		R.T.		
12.24	5.12 ng	195912	Phenanthrene-d10		11.19		
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	97
2			9,10-Dimethylantracene	206	C16H14	000781-43-1	96
3			di-p-Tolylacetylne	206	C16H14	002789-88-0	91
4			Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	90
5			Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041019\
Data File : BF113706.D
Acq On : 10 Apr 2019 19:54
Operator : JU/SJ
Sample : K2200-01 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
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ClientSampleId :
EO-01-040919-A

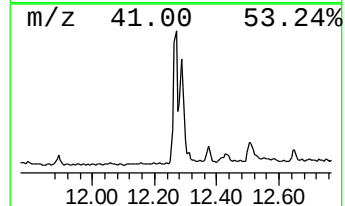
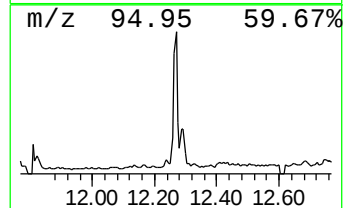
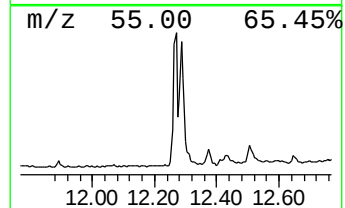
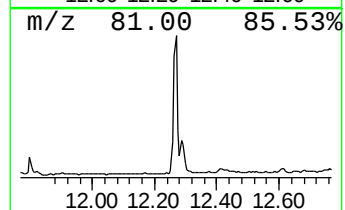
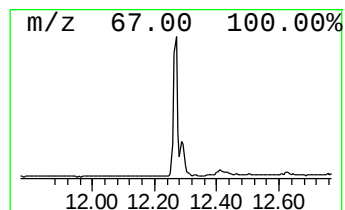
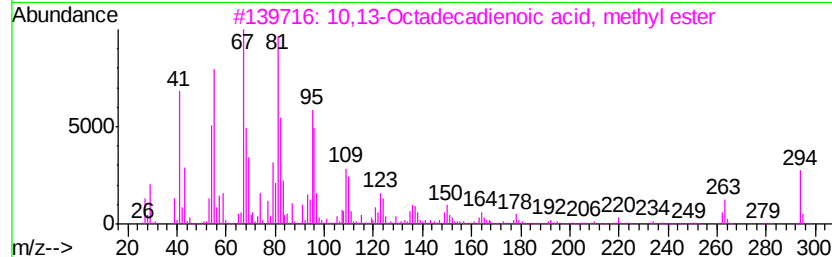
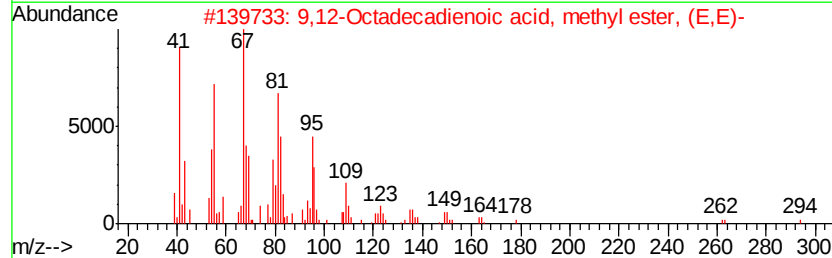
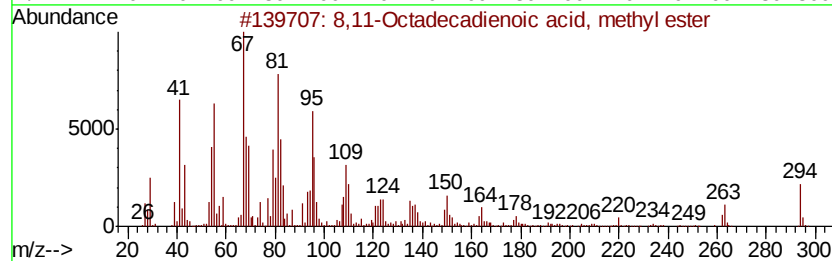
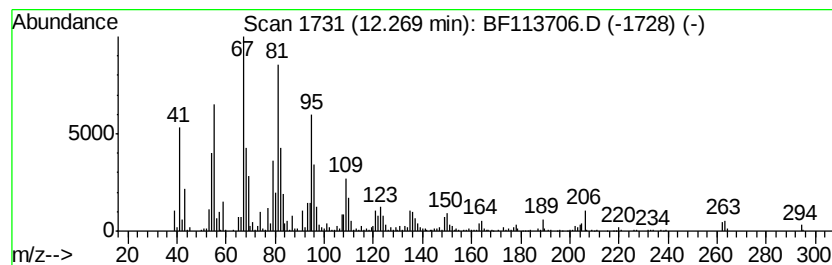
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 8,11-Octadecadienoic acid, ... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.27	21.21 ng	811832	Phenanthrene-d10	11.19

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	8,11-Octadecadienoic acid, methy...	294	C19H34O2	056599-58-7	99
2		9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
3		10,13-Octadecadienoic acid, meth...	294	C19H34O2	056554-62-2	99
4		9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	99
5		9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	99



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041019\
Data File : BF113706.D
Acq On : 10 Apr 2019 19:54
Operator : JU/SJ
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Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
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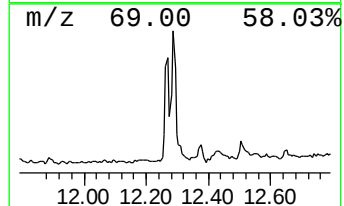
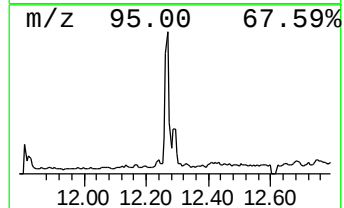
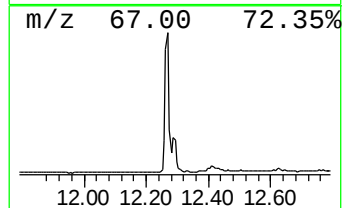
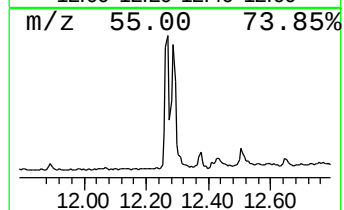
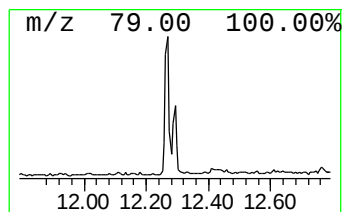
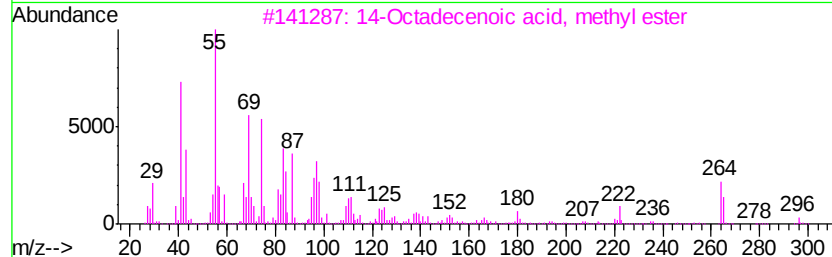
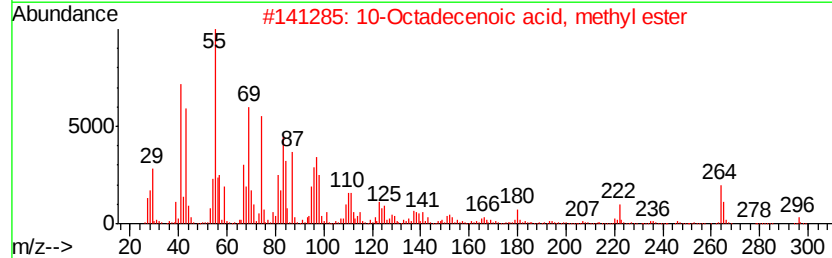
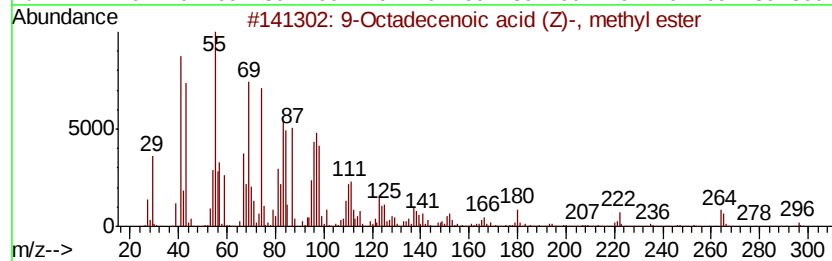
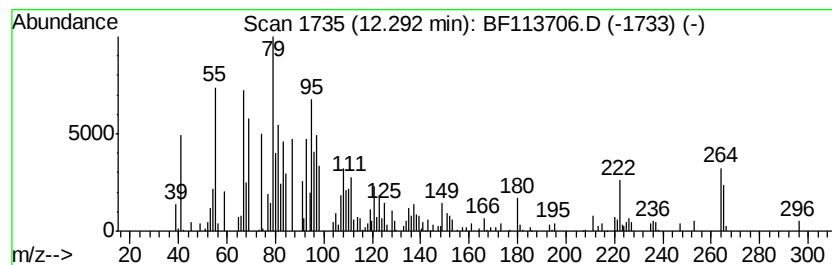
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 9-Octadecenoic acid (Z)-, m... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.29	10.87 ng	416172	Phenanthrene-d10	11.19

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	93
2		10-Octadecenoic acid, methyl ester	296	C19H36O2	013481-95-3	93
3		14-Octadecenoic acid, methyl ester	296	C19H36O2	056554-48-4	91
4		13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	91
5		trans-13-Octadecenoic acid, meth...	296	C19H36O2	1000333-61-3	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041019\
Data File : BF113706.D
Acq On : 10 Apr 2019 19:54
Operator : JU/SJ
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Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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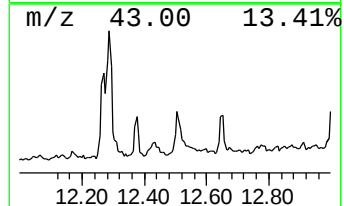
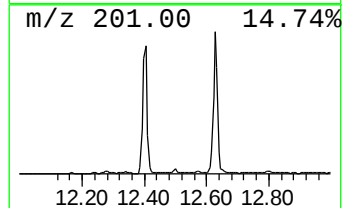
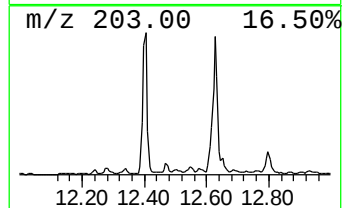
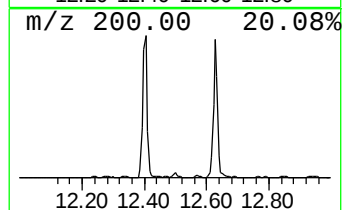
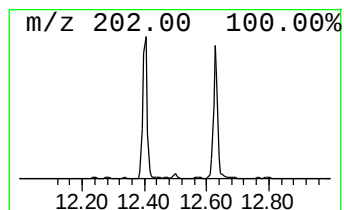
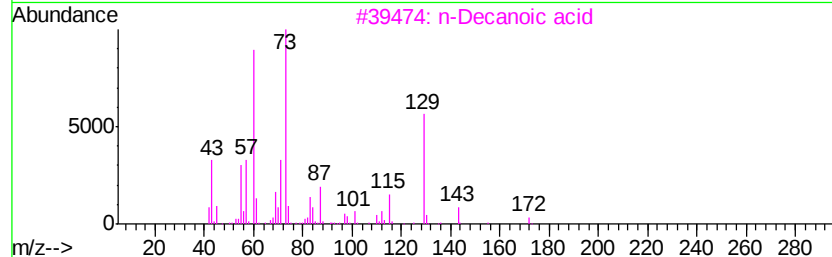
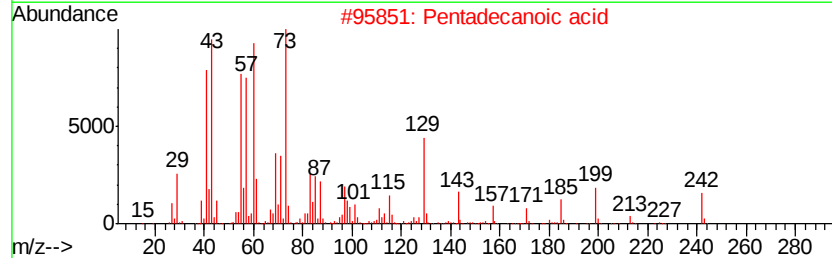
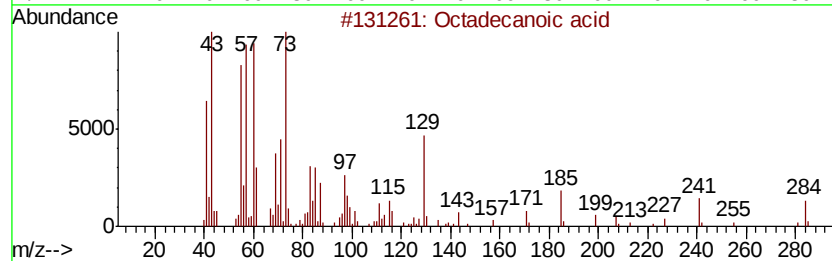
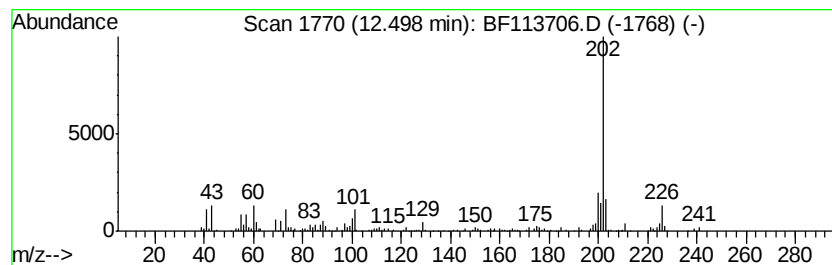
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 Octadecanoic acid Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.50	3.56 ng	136234	Phenanthrene-d10	11.19

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid	284	C18H36O2	000057-11-4	97
2			Pentadecanoic acid	242	C15H30O2	001002-84-2	87
3			n-Decanoic acid	172	C10H20O2	000334-48-5	78
4			Dodecanoic acid	200	C12H24O2	000143-07-7	64
5			Tetradecanoic acid	228	C14H28O2	000544-63-8	41



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041019\
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Instrument :
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ClientSampleId :
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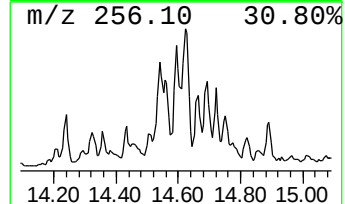
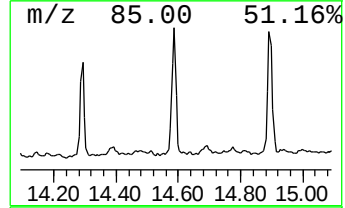
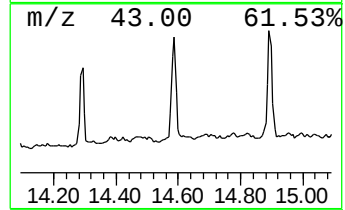
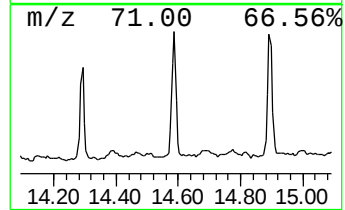
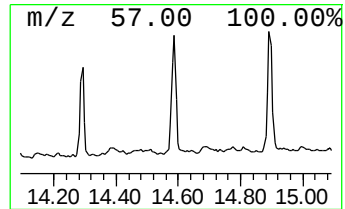
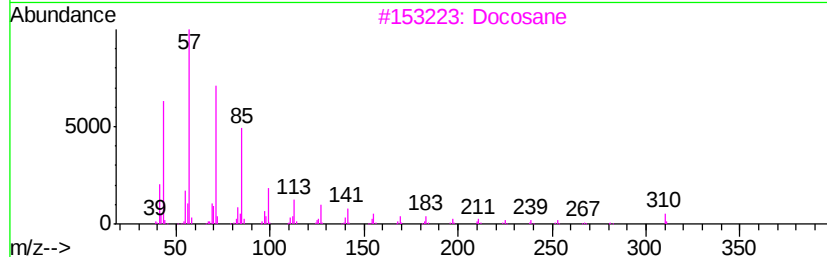
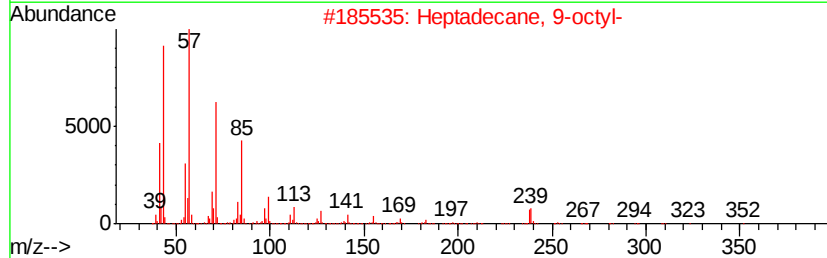
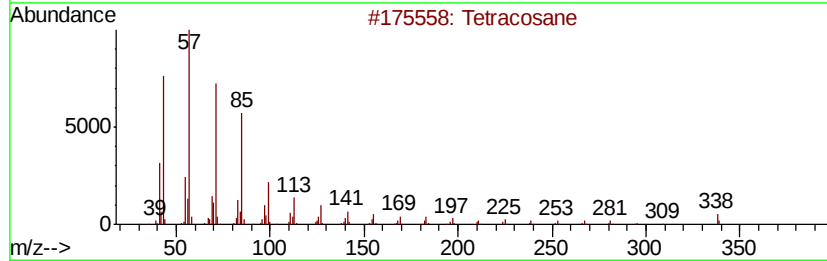
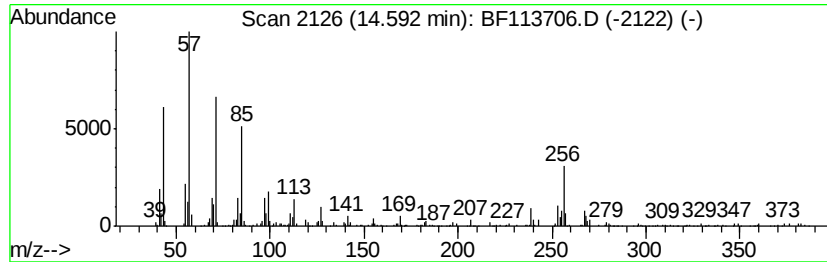
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 Tetracosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.59	7.28 ng	326770	Perylene-d12	15.23

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetracosane	338	C24H50	000646-31-1	95
2			Heptadecane, 9-octyl-	352	C25H52	007225-64-1	94
3			Docosane	310	C22H46	000629-97-0	93
4			Heneicosane	296	C21H44	000629-94-7	90
5			2-methyloctacosane	408	C29H60	1000376-72-8	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041019\
Data File : BF113706.D
Acq On : 10 Apr 2019 19:54
Operator : JU/SJ
Sample : K2200-01 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-01-040919-A

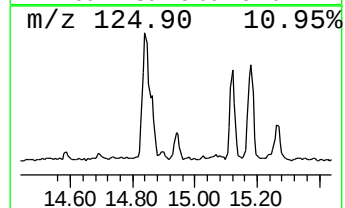
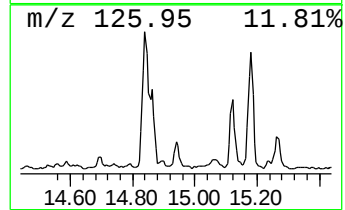
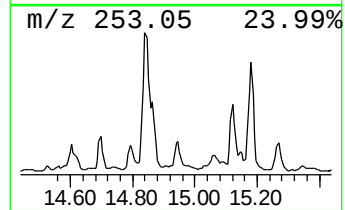
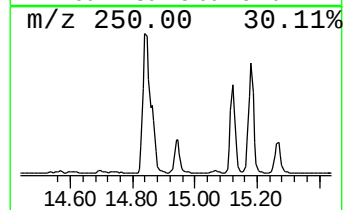
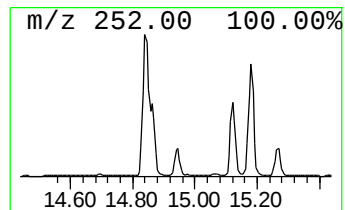
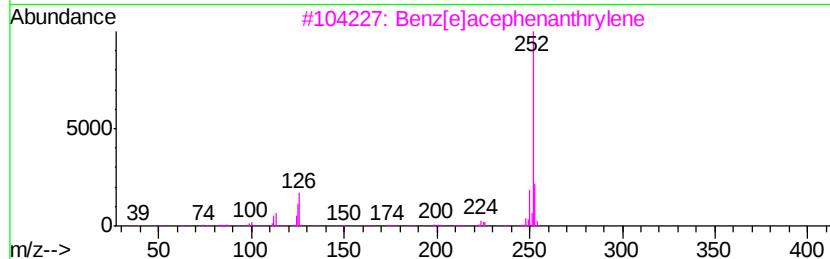
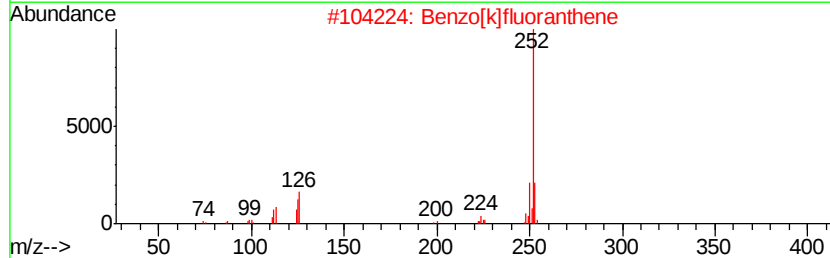
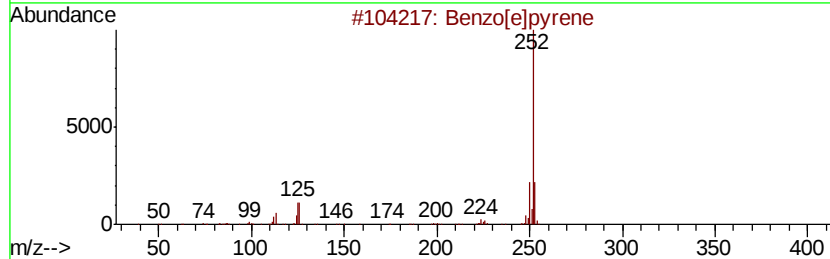
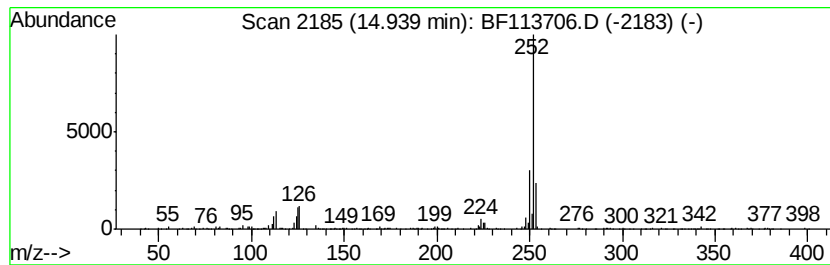
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 Benzo[e]pyrene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.94	4.54 ng	203934	Perylene-d12	15.23

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[e]pyrene	252	C20H12	000192-97-2	98
2			Benzo[k]fluoranthene	252	C20H12	000207-08-9	95
3			Benz[e]acephenanthrylene	252	C20H12	000205-99-2	93
4			Perylene	252	C20H12	000198-55-0	90
5			Benzo[a]pyrene	252	C20H12	000050-32-8	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041019\
Data File : BF113706.D
Acq On : 10 Apr 2019 19:54
Operator : JU/SJ
Sample : K2200-01 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-01-040919-A

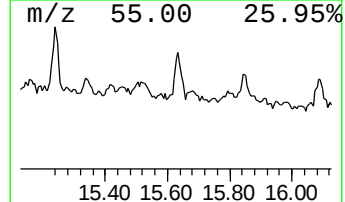
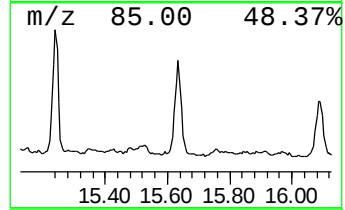
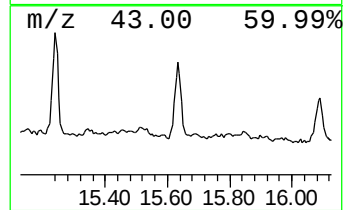
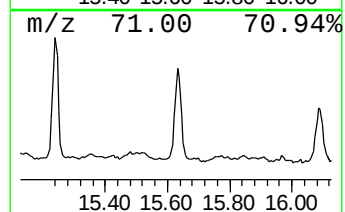
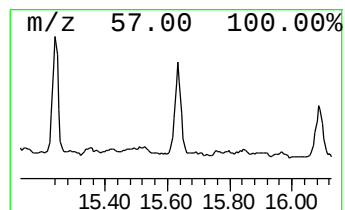
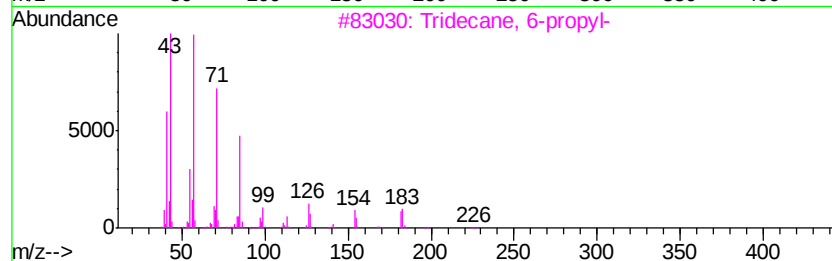
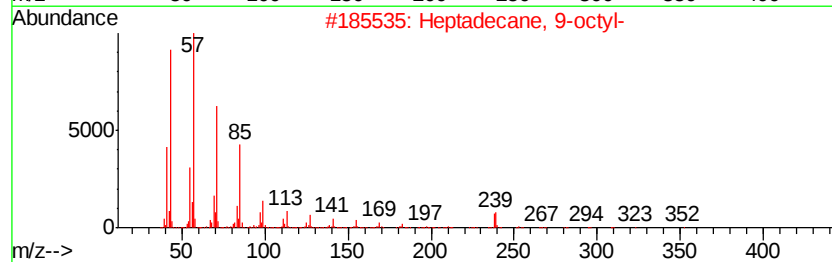
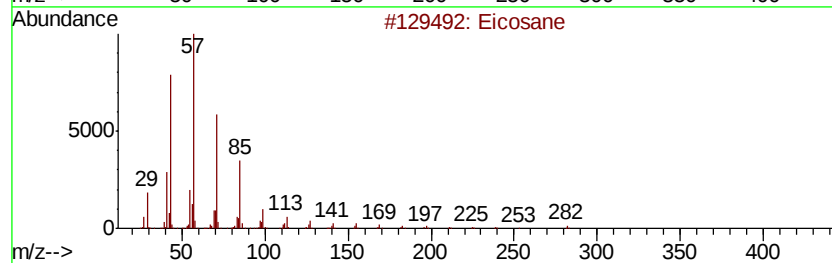
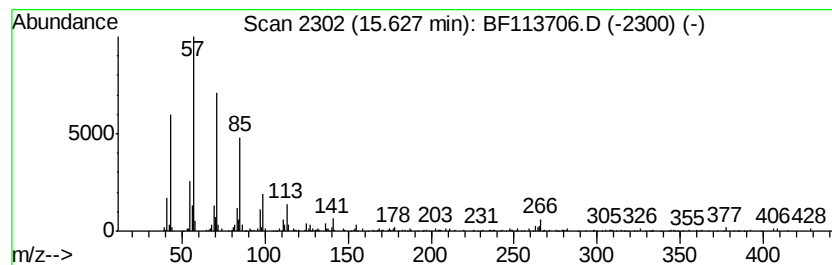
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 20 Eicosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.63	6.42 ng	288293	Perylene-d12	15.23

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane			282	C20H42	000112-95-8	91
2	Heptadecane, 9-octyl-			352	C25H52	007225-64-1	83
3	Tridecane, 6-propyl-			226	C16H34	055045-10-8	80
4	Hexadecane			226	C16H34	000544-76-3	72
5	Octacosane			394	C28H58	000630-02-4	70



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF041019\
 Data File : BF113706.D
 Acq On : 10 Apr 2019 19:54
 Operator : JU/SJ
 Sample : K2200-01 2X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EO-01-040919-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
 TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
unknown6.45	6.45	35.7	ng	1377230	1	6.67	771275	20.0
Decane	6.52	6.9	ng	264956	1	6.67	771275	20.0
Benzene, 1-methyl...	6.96	3.8	ng	146699	1	6.67	771275	20.0
Naphthalene, deca...	7.07	4.8	ng	186832	1	6.67	771275	20.0
Tridecane	8.56	5.0	ng	329804	2	7.96	1320580	20.0
Tetradecane	9.12	5.7	ng	277227	3	9.70	967240	20.0
Hexadecanoic acid...	11.59	4.7	ng	179928	4	11.19	765619	20.0
Phenanthrene, 2-m...	11.69	4.8	ng	184611	4	11.19	765619	20.0
Anthracene, 1-met...	11.72	10.7	ng	410706	4	11.19	765619	20.0
4H-Cyclopenta[def...	11.80	10.5	ng	400540	4	11.19	765619	20.0
Naphthalene, 2-ph...	11.99	3.6	ng	137463	4	11.19	765619	20.0
Phenanthrene, 2,5...	12.24	5.1	ng	195912	4	11.19	765619	20.0
8,11-Octadecadien...	12.27	21.2	ng	811832	4	11.19	765619	20.0
9-Octadecenoic ac...	12.29	10.9	ng	416172	4	11.19	765619	20.0
Octadecanoic acid	12.50	3.6	ng	136234	4	11.19	765619	20.0
Tetracosane	14.59	7.3	ng	326770	6	15.23	897597	20.0
Benzo[e]pyrene	14.94	4.5	ng	203934	6	15.23	897597	20.0
Eicosane	15.63	6.4	ng	288293	6	15.23	897597	20.0